



County Protocol for the Investigation of Possible Zika Infections in Pregnancy

1. When contacted by a health care provider requesting Zika testing, evaluate if the individual meets testing guidelines (see [ADHS testing algorithm](#))
2. If testing at the Arizona State Public Health Laboratory (ASPHL) is needed, coordinate with ADHS (vbzd@azdhs.gov) by sending the following information:
 - Age:
 - Gender:
 - Travel History (county AND state or city, if possible):
 - Mosquito Exposure (Y/N):
 - Dates of Travel:
 - Symptomatic/Asymptomatic:
 - Symptom Onset Date:
 - Symptoms:
 - Dengue Testing Requested:
 - Chikungunya Testing Requested:
 - Pregnant/#weeks:
 - MEDSIS ID:
3. Following testing approval, ensure a [lab submission form](#) accompanies all specimens that are sent to the ASPHL. The lab submission form can be sent to labreceiving@siren.az.gov. Please cc: ADHS staff: vbzd@siren.az.gov (more info on specimen collection and shipment can be found [here](#))
4. Report to ADHS by email (vbzd@azdhs.gov) all pregnant women with any laboratory evidence of Zika virus infection
5. Inform the case that she will be contacted by the Arizona [Health Start Program](#), who can assist in referring women to and helping them access services they may need during their pregnancy and after their baby is born.
 - All pregnant women with possible Zika virus infection and their infants qualify for the Health Start Program and are enrolled unless they explicitly opt out.
 - Pregnant women are connected to prenatal care providers and receive on-going education and services, including referrals and access to services for their infants.
 - Please add the phrase '**OK TO ENROLL**' in the MEDSIS comments just after case classification (Or '**NOT OK TO ENROLL**' if the case was offered joining the program but refused).



6. ADHS vector team will then communicate the case contact information to the Office of Women's Health at ADHS/Health Start Program. The note '**COMMUNICATED TO HEALTH START [DATE]**' will be added by ADHS vector team in the MEDSIS comments to mark that the referral has taken place.
7. For all pregnant women with laboratory evidence of possible Zika virus infection please complete the **Maternal Health History** form:
 - Forms can be found on Health Services Portal under Outbreak & Disease Reports>Multi-county shared reports>Zika>Zika Pregnancy Registry or can be requested by email from ADHS staff
 - This contains demographics and exposure information for the case, details about the pregnancy and prenatal ultrasound results
 - Various data collection methods can be used (medical record abstraction, interview with provider, provider entry)
 - Once completed forms should be **attached to the MEDSIS case** and **notify ADHS staff by emailing vbzd@azdhs.gov**
 - As the case progresses through her pregnancy, all the prenatal care data available for all trimesters should be collected and the **Maternal Health History** form updated (or use a new one)
8. Around the time of birth arrange for Zika testing of the newborn (follow the steps above: coordinate with ADHS staff (vbzd@azdhs.gov) and ensure a lab submission is filled in with each specimen).
 - Newborn should be tested **within 2 days** post-delivery
 - Collect infant **urine, serum** and **whole blood**
 - The **Neonate Assessment** form should be filled-in at this time, attached the form in MEDSIS, and notify ADHS staff by email that the form is complete
9. If the mother is not already enrolled in the [Health Start Program](#), inform her that she will be contacted by the program for referral to various services for her and her infant, as needed, and assistance with accessing those services.
 - All pregnant women with possible Zika virus infection and their infants qualify for the Health Start Program and are enrolled unless they explicitly opt out.
 - The Health Start Program community health workers educate parents about child development and also screen each child on a periodic basis using the Ages and Stages Questionnaire to identify potential developmental delays and refer the family to the appropriate provider if additional follow-up is needed.
 - Please add the phrase '**OK TO ENROLL**' in the MEDSIS comments (just as case classification) for the infant (Or '**NOT OK TO ENROLL**' if the case was offered joining the program but refused).



10. If the mother was not already enrolled into the Health Start Program, ADHS vector team will communicate the contact information for the infant's mother to the Office of Women's Health at ADHS/Health Start Program. The note '**COMMUNICATED TO HEALTH START [DATE]**' will be added by ADHS vector team in the MEDSIS comments to mark the case as enrolled.
11. As the infant grows, contact the pediatrician to collect data for the 2, 6 and 12 month check-ups* using the **Infant Follow-up** form.
 - Once a form is completed, attached it to the MEDSIS case, and notify ADHS staff by email

*As of December 5th, 2017 CDC has communicated its interest in following-up the USZPR infants at the additional time points of **18 and 24 months**. Since no extra funding has been allocated for this, Arizona counties that have reported infants to the USZPR would have to decide whether they would be able to carry out the additional follow-up. ADHS is glad to assist if needed.

Figure 1. Graphic summary of the data collection points and forms for the US Zika Pregnancy Registry*.

